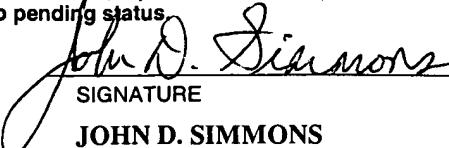


FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)		ATTORNEY'S DOCKET NUMBER 10407-129US (A3093MT-US1)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not Yet Assigned <b>10 / 530604</b>
INTERNATIONAL APPLICATION NO. PCT/JP2003/014125	INTERNATIONAL FILING DATE 05 November 2003 (05.11.2003)	PRIORITY DATE CLAIMED 06 November 2002 (06.11.2002)
TITLE OF INVENTION <b>Microactuator With Displacement Sensing Function And Deformable Mirror Including The Microactuator</b>		
APPLICANT(S) FOR DO/EO/US <b>Yoshihiro MUSHIKA et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto. (127 pages)</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (Executed)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. EV662715975US</li> <li>23. <input checked="" type="checkbox"/> Other items or information:   <b>Formal Drawings - 14 sheets</b>  <b>Assignee for publication: Matsushita Electric Industrial Co., Ltd.</b>  <b>PCT Publication Cover Sheet: WO 2004/041710 A1</b> </li> </ol>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10407-129US (A3093MT-US1)</b> No. Not Assigned		INTERNATIONAL APPLICATION NO. <b>PCT/JP2003/014125</b>		ATTORNEY'S DOCKET NUMBER																		
				<b>10407-129US (A3093MT-US1)</b>																		
24. The following fees are submitted:																						
<table border="1"> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee .....</td> <td>\$300.00</td> <td><input type="checkbox"/> Applicant use</td> <td><input type="checkbox"/> Office use</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee .....</td> <td>\$200.00</td> <td>\$</td> <td>\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee .....</td> <td>\$500.00</td> <td>\$</td> <td>\$500.00</td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$1000.00</b></td> <td>\$</td> <td><b>\$1,000.00</b></td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee .....	\$300.00	<input type="checkbox"/> Applicant use	<input type="checkbox"/> Office use	<input checked="" type="checkbox"/> b) Examination fee .....	\$200.00	\$	\$200.00	<input checked="" type="checkbox"/> c) Search fee .....	\$500.00	\$	\$500.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>	\$	<b>\$1,000.00</b>
<input checked="" type="checkbox"/> a) Basic national fee .....	\$300.00	<input type="checkbox"/> Applicant use	<input type="checkbox"/> Office use																			
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<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>	\$	<b>\$1,000.00</b>																		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE																		
141 - 100 =	41 /50 =	1		x \$250.00	\$ <b>\$250.00</b>																	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).																						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																			
Total claims	32 - 20 =	12	x \$50.00	\$	<b>\$600.00</b>																	
Independent claims	3 - 3 =	0	x \$200.00	\$	<b>\$0.00</b>																	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 \$ <b>\$0.00</b>																						
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$ <b>\$1,850.00</b>																						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																						
<b>SUBTOTAL =</b> \$ <b>\$1,850.00</b>																						
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ <b>\$0.00</b>																						
<b>TOTAL NATIONAL FEE =</b> \$ <b>\$1,850.00</b>																						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ <b>\$0.00</b>																						
<b>TOTAL FEES ENCLOSED =</b> \$ <b>\$1,850.00</b>																						
Amount to be refunded: \$																						
Amount to be charged: \$																						
a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$1,850.00</b> to cover the above fees is enclosed.																						
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____.																						
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-1017</b> . A duplicate copy of this sheet is enclosed. (210407.0129)																						
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																						
SEND ALL CORRESPONDENCE TO:																						
John D. Simmons																						
AKIN GUMP STRAUSS HAUER & FELD LLP																						
Once Commerce Square, 2005 Market St. - Suite 2200																						
Philadelphia, PA 19103-7006																						
Direct Dial: (215) 965-1268																						
Facsimile : (215) 965-1210																						
 SIGNATURE <b>JOHN D. SIMMONS</b> NAME <b>52,225</b> REGISTRATION NUMBER																						